BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work: Providing CC Camera and Improvements to SWM in Ward No. 03

			Estimate Cost:				7.50 Lakhs		
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Supplying ,installation ,Commissioning and Testing CP PLUS 3 MP , 50 meters ip bullet camera,1/3" 3MP PS CMOS Image Sensor,Max 25fps@3MP, 25/30fps@1080P,H.264, H.264H, H.264B , MJPEG dual-codec encoding,DWDR, Day/Night(ICR), 3DNR, ROI, AWB, AGC, BLC, HLC,3.6mm fixed lens (6mm optional),IR Range of 50 Mtrs, IP67, SD Card, PoE,Mobile Software: iCMOB, gCMOB,CMS Software: KVMS Pro, vOptimus Pro inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	22160.00							
		Nos	4				4.00		
							4.00	22160.00	**88640.00**
2	Supplying ,installation ,Commissioning and Testing CP PLUS 32 Ch. H.265 4K Network Video Recorder Up to 32 channel IP camera input H.265/H.264 dual codec decoding Up to 8Mp resolution preview and playback Max 200Mbps incoming bandwidth Support 4 SATA HDDs up to 24TB, 2 USB(1 USB3.0) HDMI / VGA simultaneous video output Support Multi-brand network cameras ONVIF Version 2.4 conformance Mobile Software: iCMOB, gCMOB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	65892.00							
		Nos	1				1.00		
							1.00	65892.00	**65892.00**
3	Supplying ,installation ,Commissioning and Testing Netgear ReadyNAS 4-Bay Diskless Network Attached Storage for Personal Cloud by Netgear inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	256420.00							
		Nos							
			1				1.00		
							1.00	256420.00	**256420.00**
4	Providing and Supplying NAS hard disk drives 6 TB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	23850.00							
		Nos	1				1.00		
							1.00	23850.00	**23850.00**
5	Supplying ,installation ,Commissioning and Testing D-Link 24-Port Gigabit Switch With 4 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	34300.00							
		Nos	1				1.00		
							1.00	34300.00	**34300.00**
6	Supplying ,installation ,Commissioning and Testing D-Link 8-Port Gigabit Switch With 2 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	27500.00							
		Nos	1				1.00		
							1.00	27500.00	**27500.00**
7	Providing and Supplying CAT6 OUT Door 305 mtr Cable Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	63250.00							
		Nos	1				1.00		
							1.00	63250.00	**63250.00**
8	Providing and Fixing Media converter Giga Dlink inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	11200.00							
		Nos	1				1.00		
							1.00	11200.00	**11200.00**
9	Providing and Fixing OFC cable single mode 6 core inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	165.00							
		Nos	230				230.00		
							230.00	165.00	**37950.00**

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Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
10	Providing Cctv MS poles with camera fixing brackets, 5 to 6 mtr height Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	23500.00							
		Nos	1				1.00		
							1.00	23500.00	**23500.00**
11	Providing and Fixing MS Boxes for Poles with rust proof powder coating Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	8500.00							
		Nos	1				1.00		
							1.00	8500.00	**8500.00**
12	Providing and Fixing Electrical work for boxes for power supply, fixing PVC Boards with three pin socktes and switches with protection MCB and cabling to street light electrical poles as per the direction of Engineer in Charge								
	Approved Data Rate	7500.00							
		Nos	1				1.00		
							1.00	7500.00	**7500.00**
13	Providing and Fixing SFP-LX-SM GIGA MODULE Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	6000.00							
		Nos	1				1.00		
							1.00	6000.00	**6000.00**
14	Providing and Fixing Fibre Optic PATCH Chords Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	2200.00							
		Nos	1				1.00		
							1.00	2200.00	**2200.00**
15	Erecting of pole .The pole shall be erected n cement concrete work(1:2:4) including earthwork excavation and refilling of planting depth of the pole to the ground level and the copping CC shall be upto 0.6m above ground level as per IS 2713-7.1 Erection of lightduty pole on footpath a) 7.5m as per IS 410 Sp 5 charges as per the direction of Engineer in Charge								
	Approved Data Rate	6300.00							
		Nos	1				1.00		
							1.00	6300.00	**6300.00**
16	Providing and Fixing HDMI Cables 10 Mtrs inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	6200.00							
		Nos	1				1.00		
							1.00	6200.00	**6200.00**
	Total Construction								**669202.00**
	12% GST								**80304.24**
	Sub Total								**749506.24**
	Miscellaneous								**493.76**
								Total	**750000.00**

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer,
Yelahanka Project Division

Asst. Exec. Engineer,
Yelahanka Project Division

Executive Engineer, 22/2/19
Yelahanka Project Division

Administrative Approval
Accorded For Rs.7.5Lakhsonly
Head of A/C P-3298
CER NO :.....1..... Dt:..22/02/19
E.E. (Project) 22/2

Technical Sanction
Accorded For Rs.7.5Lakhsonly
Head of A/C P-3298
CER NO :.....1..... Dt:..22/02/19
E.E. (Project) 22/2

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